

HN Compact 100R4 Suction / Return Hose



SAE 100R4

Tube: Seamless, black, oil and heat resistant synthetic rubber
Reinforcement: Textile braided with helical wire to prevent collapsing
Cover: Black synthetic oil and heat resistant rubber, MSHA approved
Temperature: -40°C to +100°C (-40°F to +212°F)
Packaging: 100' coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling		Two Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm		E	N	
HN-12	¾	29.1	1.15	29.1	300	2.1	1,200	8.3	1.60	41.0	0.40	E	N	110 - W
HN-16	1	35.4	1.39	35.4	250	1.7	1,000	6.9	1.80	46.0	0.50	E	N	110 - W
HN-20	1¼	41.8	1.65	41.8	200	1.4	800	5.5	2.40	61.0	0.60	E	N	110 - W
HN-24	1½	49.1	1.93	49.1	150	1.0	600	4.1	2.60	66.0	0.75	E	N	110 - W
HN-32	2	61.8	2.43	61.8	150	1.0	450	3.1	6.30	160.0	0.90	E	N	110 - W
HN-40	2½	75.5	2.97	75.5	150	1.0	450	3.1	9.80	249.0	1.20			H
HN-48	3	88.2	3.47	88.2	150	1.0	450	3.1	11.80	300.0	1.60			H
HN-56	3½	102.1	4.02	102.1	150	1.0	450	3.1	14.00	356.0	1.90			H

HXP Standard 100R4 Suction / Return Hose



SAE 100R4

Tube: Seamless, black, oil and heat resistant synthetic rubber
Reinforcement: Textile braided with helical wire to prevent collapsing
Cover: Black synthetic oil and heat resistant rubber, MSHA approved
Temperature: -40°C to +100°C (-40°F to +212°F)
Packaging: 100' coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling		Two Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm		E	N	
HXP-12	¾	29.5	1.16	29.5	300	2.1	1,200	8.3	4.9	125.0	0.41	E	N	210 - W
HXP-16	1	36.8	1.45	36.8	250	1.7	1,000	6.9	5.9	150.0	0.67	E	N	210 - W
HXP-20	1¼	43.2	1.70	43.2	200	1.4	800	5.5	7.8	200.0	0.83	E	N	210 - W
HXP-24	1½	49.5	1.95	49.5	150	1.0	600	4.1	10.0	255.0	1.15	E	N	210 - W
HXP-32	2	62.5	2.46	62.5	100	0.7	400	2.8	11.8	300.0	1.18	E	N	210 - W

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT NOTICE.

PL10

Push Lock 300 PSI



Tube: Black nitrile, ARPM Class A (high oil resistance)
Reinforcement: Synthetic Fiber
Cover: MSHA Synthetic rubber, ARPM Class B (medium oil resistance)
Temperature: -40°C to +88°C (-40°F to + 190°F)
Packaging: Reels



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft		
PL10-04BK*	1/4	0.54	13.7	300	2.1	1,200	8.4	3.0	64	0.09	PL - AF	
PL10-05BK*	5/16	0.62	15.7	300	2.1	1,200	8.4	3.0	76	0.12	PL - AF	
PL10-06BK*	3/8	0.69	17.5	300	2.1	1,200	8.4	3.0	76	0.14	PL - AF	
PL10-08BK*	1/2	0.81	20.6	300	2.1	1,200	8.4	5.0	127	0.17	PL - AF	
PL10-10BK*	5/8	0.93	23.6	300	2.1	1,200	8.4	6.0	152	0.20	PL - AF	
PL10-12BK*	3/4	1.07	27.2	300	2.1	1,200	8.4	7.0	178	0.26	PL - AF	
PL10-16BK*	1	1.34	34.0	300	2.1	1,200	8.4	8.0	203	0.34	PL - AF	

Stock: Black - BK, Blue - BL, Red - RD
 MOQ/Full Reels: Gray - GY, Green - GN

FN Hi-Temp

SAE 100R5 - DOT FMVSS106

SAE J1402 - 3/16", 1/4", 5/16", 13/32", 1/2" & 5/8"



Tube: Seamless, black, oil and heat resistant synthetic rubber
Reinforcement: One braid of synthetic yarn and one braid of steel wire
Cover: Blue, impregnated textile braid, oil and mildew resistant
Temperature: -40°C to +149°C (-40°F to +300°F) - petroleum based fluids
 -40°C to +95°C (-40°F to +203°F) - air, water
Packaging: 3/16" - 1 1/8" reels, 1 3/8" and higher in coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling	Reusable
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft			
FN-04	3/16	0.52	13.2	3,000	21.0	12,000	84.0	3.0	76	0.15	F	5R	
FN-05	1/4	0.58	14.8	3,000	21.0	12,000	84.0	3.4	86	0.18	F	5R	
FN-06	5/16	0.68	17.1	2,250	15.5	9,000	62.0	4.0	102	0.22	F	5R	
FN-08	13/32	0.77	19.5	2,000	14.0	8,000	56.0	4.5	117	0.30	F	5R	
FN-10	1/2	0.92	23.4	1,750	12.2	7,000	48.8	5.5	140	0.37	F	5R	
FN-12	5/8	1.08	27.4	1,500	10.5	6,000	42.0	6.5	165	0.45	F	5R	
FN-16	7/8	1.24	31.4	800	5.5	3,200	22.0	7.4	187	0.47	F	5R	
FN-20	1 1/8	1.50	38.1	625	4.3	2,500	17.2	9.0	229	0.58	F	5R	
FN-24	1 3/8	1.75	44.4	500	3.5	2,000	14.0	10.5	267	0.73	F	5R	
FN-32	1 13/16	2.22	56.4	350	2.4	1,400	9.6	13.3	337	0.90	F	5R	

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AB10

DOT Air Brake Hose SAE J1402 - DOT FMVSS 106



Tube: Black Nitrile
Reinforcement: Synthetic Fiber
Cover: Black, oil, abrasion and weather resistant synthetic rubber
Temperature: -29°C to +88°C (-20°F to +190°F)
Packaging: Reels



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm		
AB10-06	3/8	19.05	0.75	19.05	225	1.6	900	6.4	2.25	57.15	0.17	D1400
AB10-08	1/2	22.23	0.88	22.23	225	1.6	900	6.4	3.00	76.20	0.20	D1400

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Miscellaneous Hose

ZN Air Conditioning (Standard Barrier) SAE J2064 Type C Class II



Tube: Chloroprene
Reinforcement: Two-spiral polyester
Barrier: Nylon
Cover: Black Chlorobutyl
Temperature: -30°C to +125°C (-22°F to +257°F)
Packaging: Reels



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling
	in	mm	in	mm	psi	MPa	psi	MPa	in	mm		
ZN-06	5/16	19.1	0.75	19.1	500	3.4	2,000	13.8	0.6	16	0.20	Z
ZN-08	13/32	23.0	0.91	23.0	500	3.4	2,000	13.8	1.0	25	0.28	Z
ZN-10	1/2	25.4	1.00	25.4	500	3.4	2,000	13.8	1.3	32	0.33	Z
ZN-12	5/8	28.6	1.13	28.6	350	2.4	1,750	12.1	2.0	50	0.38	Z

HJ100 Hydraulic Jack IJ100 - MSHA



Tube: Seamless, black, oil and heat resistant synthetic rubber
Reinforcement: Two braids of high tensile steel wire
Cover: Black, oil, abrasion and weather resistant synthetic rubber
Temperature: -40°C to +100°C (-40°F to +212°F)
Packaging: Reels

Due to high pressure application, we only recommend solid NPT ends (MP).



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling
	in	in	mm	psi	MPa	psi	MPa	in	mm			
HJ100-04	¼	0.59	15.0	10,000	69.0	20,000	138.0	4.0	100	0.23	E	
HJ100-06	⅜	0.75	19.0	10,000	69.0	20,000	138.0	5.0	130	0.33	E	

FS100 Fire Suppression SAE 100R1AT - EN853 1SN - MSHA



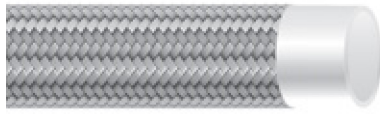
Tube: Seamless, black, oil and heat resistant synthetic rubber
Reinforcement: One wire braid of high tensile steel wire
Cover: Red, oil abrasion and weather resistant synthetic rubber, MSHA approved
Temperature: -40°C to +100°C (-40°F to +212°F)
Packaging: Reels



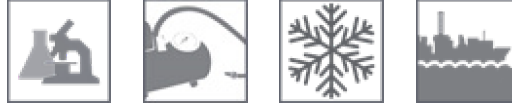
Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight lbs/ft	One Piece Coupling
	in	in	mm	psi	MPa	psi	MPa	in	mm			
FS100-04	¼	0.50	12.8	3,265	22.5	13,060	99.0	4.0	100	0.14	E	
FS100-08	½	0.78	19.9	2,320	16.0	9,280	64.0	7.0	180	0.27	E	
FS100-12	¾	1.07	27.1	1,525	10.5	6,100	42.0	9.5	240	0.38	E	
FS100-16	1	1.38	35.1	1,275	8.8	5,100	35.2	12.0	300	0.60	E	

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TBR Stainless Teflon - Smooth Bore SAE 100R14



Tube: Smooth bore PTFE (.030 wall)
Cover: One braid of 304 stainless steel wire
Temperature: -60°C to +232°C (-76°F to +450°F) continuous
Packaging: Random coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling	Two Piece Ferrule
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft			
TBR-03	3/16	0.30	7.6	2,750	18.9	11,000	75.9	2.0	50	0.07	T	180-W	
TBR-04	1/4	0.35	8.8	2,610	18.0	10,440	72.0	3.0	75	0.10	T	180-W	
TBR-05	5/16	0.43	11.0	2,540	14.1	10,160	70.1	4.0	100	0.11	T	180-W	
TBR-06	3/8	0.48	12.1	2,390	16.5	9,560	65.9	5.0	125	0.12	T	180-W	
TBR-08	1/2	0.64	16.2	1,740	12.0	6,960	48.0	6.6	165	0.15	T	180-W	
TBR-10	5/8	0.74	18.8	1,270	8.8	5,080	35.0	8.0	200	0.17	T	180-W	
TBR-12	3/4	0.91	23.1	1,010	7.0	4,040	27.9	9.2	230	0.20	T	180-W	
TBR-16	1	1.15	29.2	870	6.0	3,480	24.0	12	300	0.30	T	180-W	

Note: TBR-03 thru -08 sizes are rated for full vacuum.

TBX Stainless Teflon - Smooth/Convolutd



Tube: 3/8" - 1" smooth black static conductive PTFE
 1 - 1/4" smooth white PTFE (not static conductive)
Cover: One braid of 304 stainless steel wire
Temperature: -60°C to +232°C (-65°F to +450°F) continuous
Packaging: Random coils



Part Number	Hose ID		Hose OD		Max WP		Min BP		Min BR		Weight	One Piece Coupling	Two Piece Coupling
	in	in	mm	psi	MPa	psi	MPa	in	mm	lbs/ft			
TBX-06C	3/8	0.53	13.5	1160	8.0	4,640	32.0	1.0	25	0.10	T		
TBX-08C	1/2	0.69	17.5	870	6.0	3,480	24.0	1.5	38	0.15	T		
TBX-12C	3/4	0.95	24.2	870	6.0	3,480	24.0	2.5	63	0.26	T		
TBX-16C	1	1.25	31.7	725	5.0	2,900	20.0	3.0	75	0.36	T		
TBX-20	1 1/4	1.54	39.3	653	4.5	2,610	17.9	3.9	100	0.58		180 - W	

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